

ON THREE NEW SHELLS FROM THE COLLECTION OF
MR. B. C. THOMAS, OF BREST.

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PLATE XI.

THE collection of very choice shells formed by Mr. Thomas, in the course of many years and from many localities, contained numerous types described and figured in the *Journal de Conchyliologie* from 1861 to 1878, besides two figured and described by the writer in the Proceedings of the Zoological Society for 1881. Most of these types have recently been purchased for the National Collection.

I have now the pleasure of describing a *Lotorium* of somewhat remarkable character, also a *Pecten* and a *Cardium* new to science. Unfortunately Mr. Thomas neglected to preserve the records of the localities whence many of his shells were procured, although he found a considerable proportion himself, particularly at Tahiti and among the Marquesas Islands, so that only with regard to the *Cardium* can the habitat be relied upon. The *Lotorium* is probably from the same source; but Mr. Thomas could give me no information as to the locality of the *Pecten*.

LOTORIUM¹ ARMATUM, n.sp. Pl. XI, Fig. 1.

Testa late-fusiformis, crassa, rugosa, rufo-fusca; spira pyramidata, subgradata; anfractus 6, primi rotunde convexi, spiraliter obsolete striati, sequentes angulati, longitudinaliter irregulariter et sparsim plicati, undique spiraliter sulcati, liris spiralibus 2-3 elevatis valde tuberculosis instructi, penultimus bivaricosus, varicibus crassis, acute tuberculatis, ultimus obtuse angulatus, valde et irregulariter tuberculatus et liratus, varicibus duobus crassis, latiusculis, tuberculis productis subspiniiformibus armatus; rostrum breve, leviter contortum, lira crassa obliqua rugosa instructum; apertura ovata; labrum crassum, intus aurantium, duplicatum, tuberculis irregularibus denticulatis munitum; columella nigro-fusco strigata, dense rugosoplicata. Long. 70 mm.; diam. maj. 42, min. 34 mm.

Hab.—Marquesas Is.?

This remarkable shell bears no very close resemblance to any hitherto known species. In form it is somewhat like *L. cutaceum*,

¹ *Lotorium*, Montf., 1810, is prior to *Lampusia*, Schumacher, 1817, whilst *Triton*, Montf., and *Tritonium*, Link, are preoccupied.

Linn., and in colour it resembles *L. pyrum*, Linn. The liræ are produced on the varices into short blunt spines.

PECTEN THOMASI, n.sp. Pl. XI, Fig. 2.

Testa rotundato-ovalis, tenuis, leviter inflata, æquivalvis, oblique subæquilateralis, costis numerosis (circa 30) irregularibus, lævibus planulato-rotundatis instructa, extus dilute purpurascens, flavo tineta, saturate purpureo-fusco late radiata, auriculis mediocris, inæqualibus, fere rectangularibus; pagina interna saturate purpureo-fusca, ad marginem maculis 5 flavis ornata. Long. 70, lat. 65 mm.

A shell of remarkably thin substance for its size, in form and character almost like one of the small hyaline species, such as *P. natans*, Philippi, but the prevailing colour is dark. The ribs are irregular, some narrow and close, others broader and more distant; the interior of the left valve is very intense purple-brown, relieved at the margin by five regular, well-defined yellow blotches.

CARDIUM MENDANAENSE, n.sp. Pl. XI, Fig. 3.

Testa subquadrato-ovata, gibbosa, crassa, straminea, et albida, fulvo-fusco variegata, radiatim costata; costis 40 confertiusculis, anticis rotundatis, crenatis, medianis complanatis, utrinque angulatis et serratis, posticis oblique squamatis; costarum interstitiis angustis profunde excavatis, transversim rugatis; pagina interna alba, ad marginem vivide purpurea. Long. 60, lat. 50 mm.

Hab.—Marquesas (or Mendaña) Is. (Thomas).

This shell, remarkable for the vivid purple margin of the interior, is distinguished by the number and peculiar formation of the ribs, which are nearly flat at the top, and angularly spread and serrated at the sides, partially overlapping the deeply excavated interstices.

EXPLANATION OF PLATE XI.

- FIG. 1. *Lotorium armatum*, n.sp.
 ,, 2. *Pecten Thomasi*, n.sp.
 ,, 3. *Cardium Mendanaense*, n.sp.